

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU03/00737

A. CLASSIFICATION OF SUBJECT MATTER		
Int. Cl. ⁷ : G01R 33/44, G01V 3/14, G01N 24/08		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WPAT and Keywords (receiver, amplifier, matching, antenna, aerial, resonance, NQR, NMR) USPTO and Keywords (receiver, antenna, matching, resonance, nuclear) EPO and Keywords (nuclear, resonance, receiver, amplifier)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6291994 B1 (KIM et al) 18 September 2001 Abstract, Figs 1, 6, 7, 9A-13B, column 3, line 66 - column 4, line 50, column 6, line 13 - column 7, line 31, column 15, line 36 - column 17, line 53	1, 3-8, 12, 16, 19, 20, 33, 36-39, 40-42, 44, 46-50, 52
X	WO 01/06925 A1 (THE JOHNS HOPKINS UNIVERSITY) 1 February 2001 Figs 3A, 6, page 18, lines 14-30	1, 44
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>		
Date of the actual completion of the international search 8 July 2003		Date of mailing of the international search report 11 JUL 2003
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929		Authorized officer DEREK BARNES Telephone No : (02) 6283 2198

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	Patents Abstracts of Japan, JP 7-260719 A (HITACHI MEDICAL CORP) 13 October 1995 Abstract, Figure	1, 2, 4, 33, 34 44, 45, 49
Y	US 4129822 A (TRAFICANTE) 12 December 1978 Abstract, Figs 2-5, column 5, lines 27-66, column 7, lines 13-20	1, 2, 4, 33, 34 44, 45, 49
<u>Note:</u> For Y indications JP 7-260719 and US 4129822 can be combined together.		

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Information on patent family members

International application No.

PCT/AU03/00737

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member	
US	6291994	NONE		
WO	2001/06925	EP	1207784	AU 6378700
JP	07260719	NONE		
US	4129822	US	4075552	
END OF ANNEX				